BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

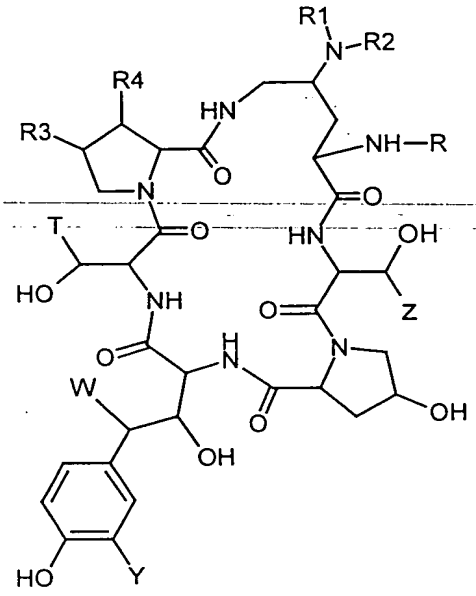
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images, please do not report the images to the Image Problem Mailbox.

CLAIMS

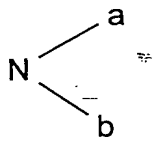
1) In all possible isomeric forms as well as their mixtures, the compounds of formula (I):



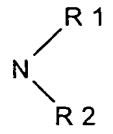
(I)

in which

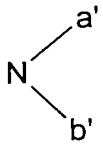
either R_1 and R_2 identical to or different from one another, represent a hydrogen atom, a hydroxyl radical, a linear, branched or cyclic alkyl radical containing up to 8 carbon atoms optionally interrupted by an oxygen atom optionally substituted by a halogen atom,

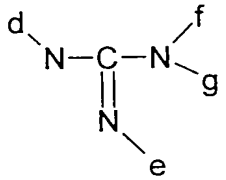
an OH radical, an  radical, a and b

identical to or different from one another,
representing a hydrogen atom or an alkyl radical containing up to 8 carbon atoms, a and b can optionally form with the nitrogen atom a heterocycle optionally containing one or more additional heteroatoms,
or R_1 forms with the endocyclic carbon atom

carrying the  radical a double bond and or R2

represents an XRa radical, X representing an oxygen atom or an NH or N-alkyl radical containing up to 8 carbon atoms and Ra represents a hydrogen atom, a linear, branched or cyclic alkyl radical containing up to 8 carbon atoms optionally substituted by one or more halogen atoms, by one or more OH, CO_2H, CO_2alk radicals, by an



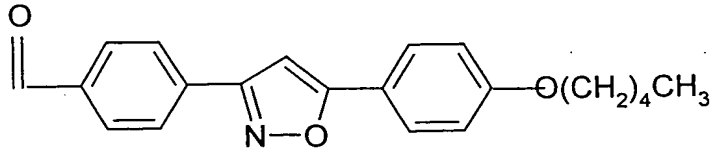
radical, a' and b' representing a hydrogen atom, an alkyl radical containing up to 8 carbon atoms, a' and b' can form a heterocycle optionally containing one or more additional heteroatoms and/or by a heterocycle containing one or more heteroatoms or R_2 represents a 

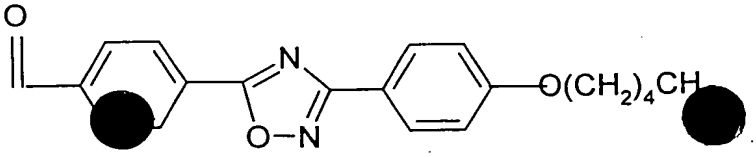
radical in which d, e, f and g represent a hydrogen atom or an alkyl radical containing up to 8 carbon atoms, f and g can moreover represent an acyl radical containing up to 8 carbon atoms, e and f can also form a ring optionally containing one or more heteroatoms,

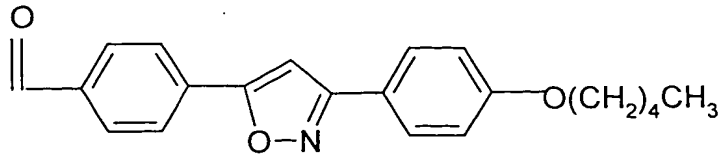
R_3 represents a hydrogen atom, a methyl or hydroxyl radical

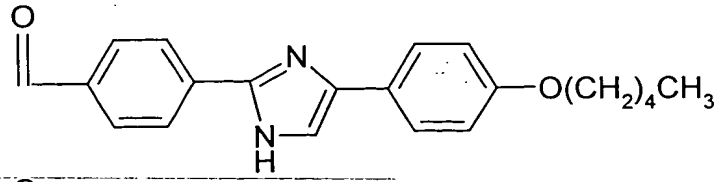
R_4 represents a hydrogen atom or a hydroxyl radical

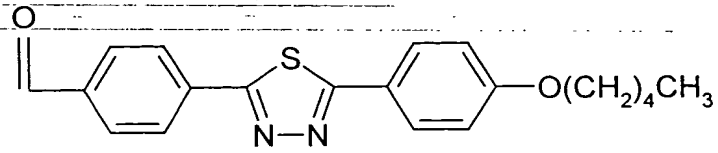
R represents a radical chosen from the following radicals:

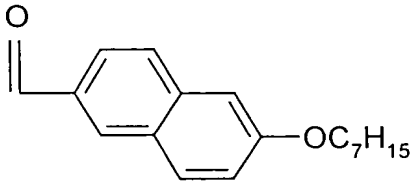


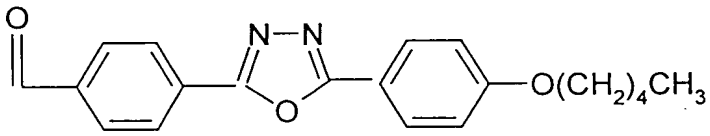


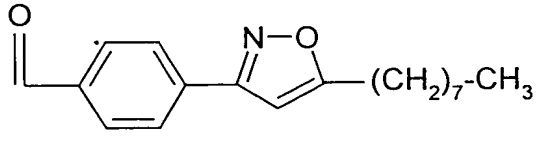


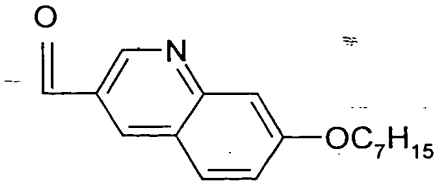


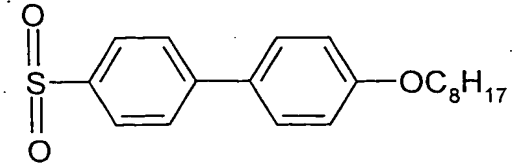












T represents a hydrogen atom, a methyl radical, a CH_2CONH_2, CH_2CN radical, a $(CH_2)_2NH_2$ or $(CH_2)_2Nalk^+X^-$ radical, X being a halogen atom and alk an alkyl radical containing up to 8 carbon atoms,

Y represents a hydrogen atom, a hydroxyl radical or a halogen atom or an OSO_3H radical or one of the salts of this radical,

W represents a hydrogen atom or an OH radical,

Z represents a hydrogen atom or a methyl radical,

as well as the addition salts with acids of the products of formula (I).

2) The compounds of formula (I) defined in claim 1 in which T represents a hydrogen atom.

3) The compounds of formula (I) defined in claim 1 or 2 in which W represents a hydrogen atom.

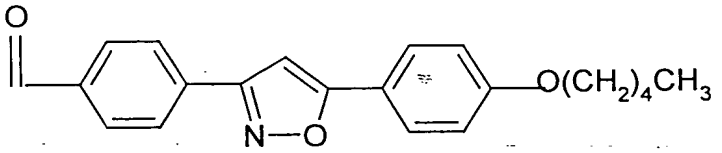
4) The compounds of formula (I) defined in any one of claims 1 to 3, in which Z represents a methyl radical.

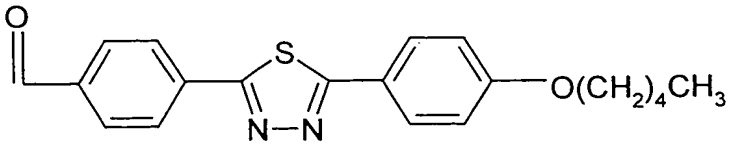
5) The compounds of formula (I) defined in any one of claims 1 to 4 in which Y represents a hydrogen atom.

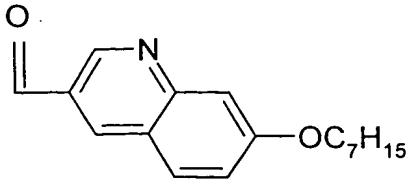
6) The compounds of formula (I) defined in any one of claims 1 to 5 in which R_3 represents a methyl radical.

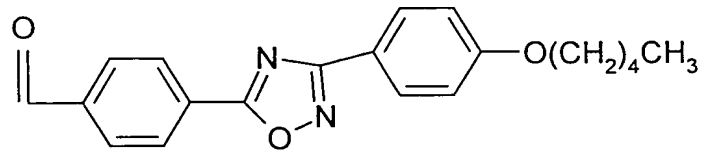
7) The compounds of formula defined in any one of claims 1 to 6 in which R_4 represents a hydroxyl radical.

8) The compounds of formula (I) defined in any one of claims 1 to 7 in which R represents a



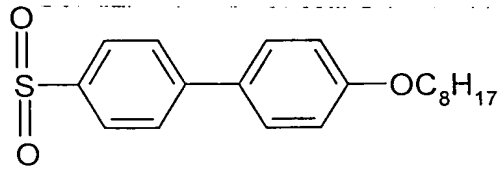






radical

or a



radical.

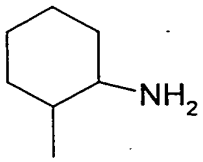
9) The compounds of formula I defined in any one of claims 1 to 8 in which R_1 represents a hydrogen radical.

10) The compounds of formula defined in any one of claims 1 to 9 in which R_2 represents a

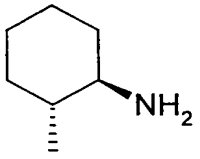
$(CH_2)_2\ NH_2$

radical.

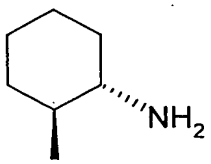
11) The compounds of formula I defined in any one of claims 1 to 9 in which R_2 represents a



radical and in particular the

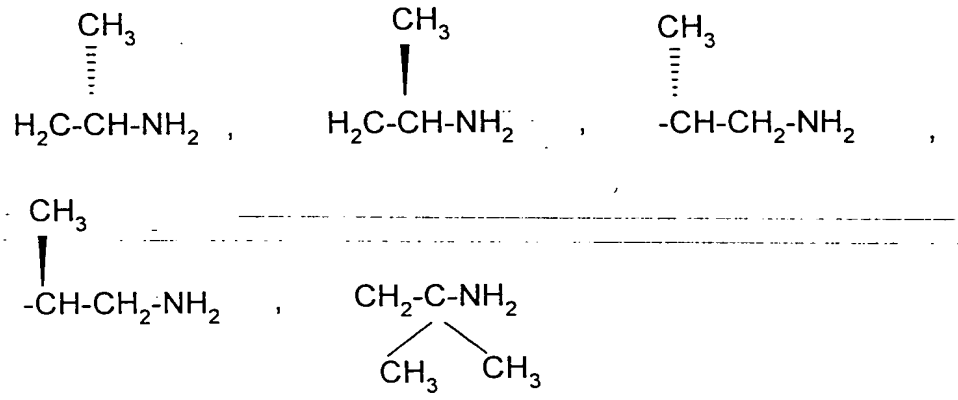


et



radicals.

12) The compounds of formula I defined in any one of claims 1 to 9 in which R_2 represents a



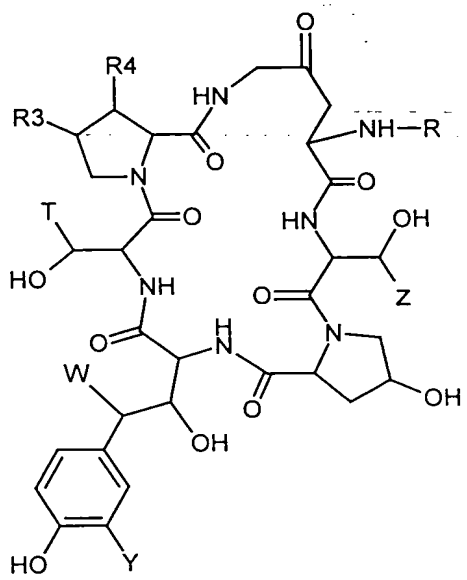
radical.

13) The compounds of formula I defined in claim 1 the names of which follow:

- 1-[4-[(2-aminoethyl)-amino]-N2-[[4-[5-[4-(pentyloxy)-phenyl]-3-isoxazolyl]-phenyl]-carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandine B trifluoroacetate,
- trans-1-[4-[(2-aminocyclohexyl)-amino]-N2-[[4-[5-[4-(pentyloxy)-phenyl]-3-isoxazolyl]-phenyl]-carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandine B trifluoroacetate,
- 1-[4-[(2(S)-aminopropyl)-amino]-N2-[[4-[5-[4-(pentyloxy)-phenyl]-3-isoxazolyl]-phenyl]-carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandine B trifluoroacetate,
- 1-[4-[(2-aminoethyl)amino]-N2-[[4-[5-[4-(pentyloxy)-phenyl]-1,3,4-thiadiazol-2-yl]-phenyl]-carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandine B trifluoroacetate,
- trans 1-[4-[(2-aminocyclohexyl)-amino]-N2-[[4-[5-[4-(pentyloxy)-phenyl]-1,3,4-thiadiazol-2-yl]-phenyl]-carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandine B trifluoroacetate,
- trans 1-[4-[(2-aminocyclohexyl)-amino]-N2-[[4-[3-[4-

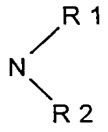
(pentyloxy)-phenyl]-1,2,4-oxadiazol-5-yl]-phenyl]-carbonyl]-L-ornithine]-4-[4-(4-hydroxyphenyl)-L-threonine]-5-L-serine-echinocandine B trifluoroacetate.

14) Process for the preparation of the compounds of formula (I) defined in any one of claims 1 to 13, characterized in that a compound of formula (II)



(II)

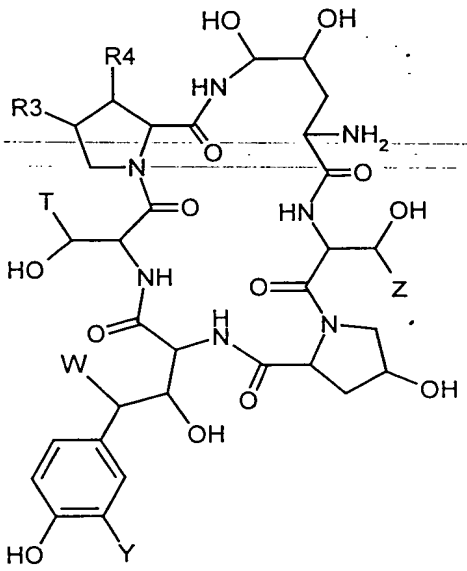
in which R, R_3, R_4, T, Y, W and Z retain their previous meaning, is subjected to the action of an amine or of an amine derivative capable of introducing

the  radical in which R1 and R2

retain their previous meaning and if desired to the action of a reducing agent,
and/or of a functionalization agent of the amine,
and/or of an acid in order to form the salt of the product obtained,
and/or of a separation agent of the different isomers obtained,
and in this way the compound of formula (I) as defined in claim 1 is obtained.

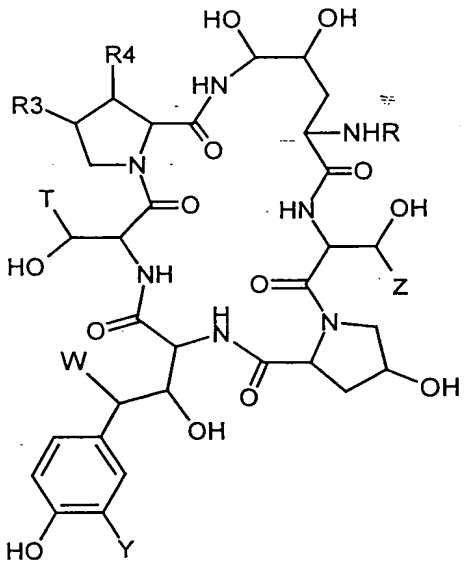
15) As new chemical products, the compounds of formula (II) defined in claim 14.

16) Process according to claim 14 characterized in that a compound formula (III)



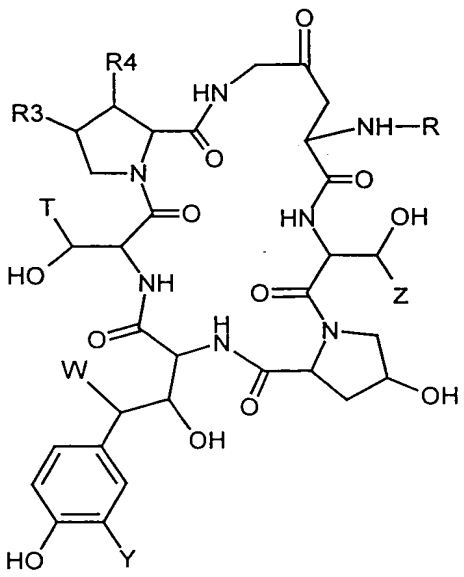
(III)

in which the different substituents retain their previous meaning is subjected to the action of an agent capable of replacing NH_2 by NHR, R retaining its previous meaning in order to obtain the compound of formula (IV)



(IV)

which is subjected to the action of trimethylsilyl iodide in order to obtain the corresponding compound of formula (II)



(II)

17) As new chemical products the compounds of formula III and IV defined in claim 16.

18) As antifungal compounds, the compounds of formula (I) defined in any one of claims 1 to 13, as well as their addition salts with acids.

19) The pharmaceutical compositions containing at least one compound of formula (I) defined in any one of claims 1 to 13 as a medicament, as well as their addition salts with pharmaceutically acceptable acids.